

TRYPETESINAE AND TRYPETESINI (LACORDAIRE): PROPOSED
EMENDATION OF FAMILY-GROUP NAMES UNDER THE PLENARY
POWERS (INSECTA, COLEOPTERA). Z.N.(S.) 1733

By Curtis W. Sabrosky (*U.S. Department of Agriculture, Washington, D.C.*) and
Elwood C. Zimmerman (*Bishop Museum, Honolulu, Hawaii*)

Confusion exists when two family-group names are identical, although the respective type-genera differ in spelling. In the present case, TRYPETINAE and TRYPETINI in the coleopterous family CURCULIONIDAE conflict with identical but older names in the dipterous family TEPHRITIDAE (TRYPETIDAE).

2. In 1866 (*Généra des Coléoptères*, in *Histoire Naturelle des Insectes* 7 : 177), Lacordaire erected the coleopterous "Tribu" Trypétides, based on the genus *Trypetes* Schoenherr, 1836. The names in Diptera, based on *Trypeta* Meigen, 1803, date from the use of TRYPETIDAE by Loew (1861, *Ueber die Dipteren-Fauna des Bernsteins*, Bericht 35. *Vers. deutsch. Naturf.* 1860 (1861) : 89). Some dipterists use TRYPETIDAE and TRYPETINAE, and others use the older family name TEPHRITIDAE with TRYPETINAE still as a valid subfamily, but this difference in usage is irrelevant to the present simple problem in the Coleoptera.

3. The suprageneric names in Lacordaire (1866) are in French vernacular (Déréломides, Hypérides, Gymnétrides, Lémosacides, Trypétides, Ulocérides, etc.). However, the name with which we are concerned, and others in Lacordaire's work, can be maintained as available from that date and authorship under the provisions of Article 11e (iii) of the International Code of Zoological Nomenclature (1961).

4. Because TRYPETINAE (Lacordaire) is a homonym of TRYPETINAE Loew, it must be changed. To avoid further confusion and at the same time to preserve the well-established coleopterous generic name *Trypetes* Schoenherr in supra-generic categories, we believe that the spellings TRYPETESINAE and TRYPETESINI would be useful and distinctive. The procedure of using the complete name as the stem in forming the group name has precedent in the case of *Merops*-MEROPIDAE versus *Merope*-MEROPIDAE, in which the Commission approved the family name MEROPEIDAE for the latter (Opinion 140, 1943).

5. The International Commission on Zoological Nomenclature is therefore requested to use its plenary powers, where necessary:

- (1) to direct that the stem of *Trypetes* Schoenherr consist of the entire generic name, *Trypetes*-, in forming names of the family-group;
- (2) to place the subfamily and tribal names TRYPETESINAE and TRYPETESINI (Lacordaire, 1866, as Trypétides) on the Official List of Family-Group Names in Zoology;
- (3) to place the generic name *Trypetes* Schoenherr, 1836, *Genera et species Curculionidum* . . . 3 (2) : 595 (gender : masculine) (type-species, *Trypetes rhinoides* Gyllenhal, by original designation) on the Official List of Generic Names in Zoology; and

- (4) to place the specific name *rhinoides* Gyllenhal, in Schoenherr, 1836 : 596, as published in the binomen *Trypetes rhinoides* Gyllenhal (type-species of *Trypetes* Schoenherr) on the Official List of Specific Names in Zoology.